

Combinations of factors							
Number of profiles	Camber	Back End rotation	Back Skew	Back Blockout	Ahead End rotation	Ahead Skew	Ahead Blockout
1	0	Angl-	Left&Right Offset	Off	Dimension-	Offset&Angle	On
1	<0.5Beam Length	Angle+	Offset&Angle	On	Angle+	Offset&Angle	On
1	<0.5Beam Length	Angl-	Left&Right Offset	On	Angl-	Left&Right Offset	Off
1	<0.5Beam Length	Dimension-	Offset&Angle	Off	Dimension+	Offset&Angle	On
1	<0.5Beam Length	Dimension+	Offset&Angle	On	Angle+	Offset&Angle	On
1	<0.5Beam Length	Dimension+	Offset&Angle	Off	Dimension-	Left&Right Offset	Off
1	0.5Beam Length	Dimension-	Offset&Angle	Off	Angl-	Left&Right Offset	On
1	0.5Beam Length	Angle+	Offset&Angle	On	Dimension-	Left&Right Offset	Off
1	0.5Beam Length	Angl-	Left&Right Offset	Off	Dimension+	Offset&Angle	Off
>1	0	Angle+	Left&Right Offset	On	Dimension+	Offset&Angle	On
>1	0	Angle+	Left&Right Offset	Off	Angl-	Offset&Angle	On
>1	0	Dimension+	Offset&Angle	On	Dimension+	Left&Right Offset	Off
>1	0	Dimension-	Left&Right Offset	Off	Angle+	Left&Right Offset	Off
>1	<0.5Beam Length	Dimension-	Left&Right Offset	On	Dimension-	Offset&Angle	Off
>1	0.5Beam Length	Dimension+	Left&Right Offset	On	Angl-	Offset&Angle	On
>1	0.5Beam Length	Angl-	Offset&Angle	On	Angle+	Left&Right Offset	Off

Test combinations of factors								Testing		
Number of profiles	Camber	Back End rotation	Back Skew	Back Blockout	Ahead End rotation	Ahead Skew	Ahead Blockout	Allplan 2022	Allplan 2023	Version PP
1	0	-30 degrees	400, 800, 300	Off	-800mm	600, -25, 400	100, 300	+	+	v1.0.4.11
1	2000	30 degrees	500, 30, 500	200, 200	20 degrees	600, -25, 400	100, 300	+	+	v1.0.4.11
1	2000	-30 degrees	400, 800, 300	200, 200	-20 degrees	1000, 300, 500	Off	+	+	v1.0.4.11
1	2000	-1000mm	500, 30, 500	Off	500mm	600, -25, 400	100, 300	+	+	v1.0.4.11
1	2000	300mm	500, 30, 500	200, 200	20 degrees	600, -25, 400	100, 300	+	+	v1.0.4.11
1	2000	300mm	500, 30, 500	Off	-800mm	1000, 300, 500	Off	+	+	v1.0.4.11
1	5000	-1000mm	500, 30, 500	Off	-20 degrees	1000, 300, 500	100, 300	-	-	v1.0.4.11
1	5000	30 degrees	500, 30, 500	200, 200	-800mm	1000, 300, 500	Off	+	+	v1.0.4.11
1	5000	-30 degrees	400, 800, 300	Off	500mm	600, -25, 400	Off	-	-	v1.0.4.11
3	0	30 degrees	400, 800, 300	200, 200	500mm	600, -25, 400	100, 300	+	+	v1.0.4.11
3	0	30 degrees	400, 800, 300	Off	-20 degrees	600, -25, 400	100, 300	+	+	v1.0.4.11
3	0	300mm	500, 30, 500	200, 200	500mm	1000, 300, 500	Off	+	+	v1.0.4.11
3	0	-1000mm	400, 800, 300	Off	20 degrees	1000, 300, 500	Off	+	+	v1.0.4.11
3	2000	-1000mm	400, 800, 300	200, 200	-800mm	600, -25, 400	Off	-	-	v1.0.4.11
3	5000	300mm	400, 800, 300	200, 200	-20 degrees	600, -25, 400	100, 300	+	+	v1.0.4.11
3	5000	-30 degrees	500, 30, 500	200, 200	20 degrees	1000, 300, 500	Off	-	-	v1.0.4.11

Test-factors				
Names of factors	Values			
Number of profiles:	1	>1		
Camber:	0	<0.5Beam Length	0.5Beam Length	
Back End rotation:	Angle+	Angl-	Dimension+	Dimension-
Back Skew:	Left&Right Offset	Offset&Angle		
Back Blockout:	On	Off		
Ahead End rotation:	Angle+	Angl-	Dimension+	Dimension-
Ahead Skew:	Left&Right Offset	Offset&Angle		
Ahead Blockou:	On	Off		

Values for testing				
Names of factors	Values			
Number of profiles:	1	3		
Camber:	0	2000	5000	
Back End rotation:	30 degrees	-30 degrees	300mm	-1000mm
Back Skew:	400, 800, 300	500, 30, 500		
Back Blockout:	200, 200	Off		
Ahead End rotation:	20 degrees	-20 degrees	500mm	-800mm
Ahead Skew:	1000, 300, 500	600, -25, 400		
Ahead Blockou:	100, 300	Off		